Title (en)

DYNAMICALLY ADAPTING PROVISION OF NOTIFICATION OUTPUT TO REDUCE USER DISTRACTION AND/OR MITIGATE USAGE OF COMPUTATIONAL RESOURCES

Title (de)

DYNAMISCHE ANPASSUNG DER BEREITSTELLUNG EINER BENACHRICHTIGUNGSAUSGABE ZUR VERRINGERUNG DER BENUTZERABLENKUNG UND/ODER ZUR MINDERUNG DER NUTZUNG VON COMPUTERRESSOURCEN

Title (fr)

ADAPTATION DYNAMIQUE DE FOURNITURE DE SORTIE DE NOTIFICATION PERMETTANT DE RÉDUIRE LA DISTRACTION DE L'UTILISATEUR ET/OU D'ATTÉNUER L'UTILISATION DE RESSOURCES DE CALCUL

Publication

EP 3622401 A2 20200318 (EN)

Application

EP 18839953 A 20181115

Priority

- US 201715818310 A 20171120
- US 2018061312 W 20181115

Abstract (en)

[origin: US2019159166A1] Dynamically adapting provision of notification output to reduce distractions and/or to mitigate usage of computational resources. In some implementations, an automated assistant application predicts a level of engagement for a user and determines, based on the predicted level of engagement (and optionally future predicted level(s) of engagement), provisioning (e.g., whether, when, and/or how) of output that is based on a received notification. For example, the automated assistant application can, based on predicted level(s) of engagement, determine whether to provide any output based on a received notification, determine whether to suppress provision of output that is based on the received notification (e.g., until a later time with a decreased predicted level of engagement), determine whether to provide output that is a condensed version of the received notification, determine whether to automatically respond to the notification, and/or select an output modality for providing output that is based on the received notification.

IPC 8 full level

G06F 9/54 (2006.01); **B60W 40/08** (2012.01); **H04L 29/08** (2006.01)

CPC (source: EP KR US)

B60W 40/08 (2013.01 - KR US); **G06F 9/546** (2013.01 - EP KR US); **H04L 67/12** (2013.01 - EP KR); **H04L 67/535** (2022.05 - EP KR US); **H04L 67/62** (2022.05 - EP KR); **H04W 4/029** (2018.02 - KR US); **H04W 4/12** (2013.01 - EP KR US); **H04W 4/46** (2018.02 - KR US); **H04W 68/02** (2013.01 - KR US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 10368333 B2 20190730; **US 2019159166 A1 20190523**; CN 110770705 A 20200207; EP 3622401 A2 20200318; JP 2020530671 A 20201022; JP 2022122866 A 20220823; JP 2024019451 A 20240209; JP 7066753 B2 20220513; JP 7404436 B2 20231225; KR 102357898 B1 20220203; KR 102505136 B1 20230302; KR 20200010503 A 20200130; KR 20220016310 A 20220208; KR 20230030045 A 20230303; US 10624060 B2 20200414; US 11129134 B2 20210921; US 11871219 B2 20240109; US 2019313368 A1 20191010; US 2020221420 A1 20200709; US 2022007331 A1 20220106; US 2024098698 A1 20240321; WO 2019099692 A2 20190523; WO 2019099692 A3 20190801

DOCDB simple family (application)

US 201715818310 A 20171120; CN 201880039448 A 20181115; EP 18839953 A 20181115; JP 2019568360 A 20181115; JP 2022072349 A 20220426; JP 2023207559 A 20231208; KR 20197038223 A 20181115; KR 20227002793 A 20181115; KR 20237006146 A 20181115; US 2018061312 W 20181115; US 201916451447 A 20190625; US 202016819326 A 20200316; US 202117479135 A 20210920; US 202318521402 A 20231128